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TITLE: Interface apparatus between nms and ems of network
management system and method therefor

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PATENT-FAMILY:

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APPLICATION-DATA:

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ABSTRACTED-PUB-NO: KR2002055213A

BASIC-ABSTRACT:

NOVELTY - An interface apparatus between an NMS(Network Management System) and an EMS(Element Management System) of a network management system is provided to perform a protocol conversion in an interface unit when the NMS and EMS use different protocols, thereby capable of interfacing though the NMS and EMS use different protocols and implementing an interface between the NMS and EMS simply.

DETAILED DESCRIPTION - An NMS execution unit(10) is connected to the NMS through a TCP(Transmission Control Protocol) and receives the message of the NMS. An OSI(Operation System Interface) framework(20) is connected to the NMS execution unit(10) and the EMS, performs a command request and a response about the EMS and processes the message of the EMS. The NMS execution unit(10) includes a command conversion unit(CommandMaker)(12). The unit(12) converts the message transmitted from the NMS into a message type desired by the EMS. When a response from the EMS comes, a queue management unit(CommandQueueManager)(13) erases the corresponding command in the queue and processes the time out message. The OSI framework(20) includes an access management unit(AccessController)(22) for performing the connection with the

EMS. An event management unit(23) processes the response from the EMS.

CHOSEN-DRAWING: Dwg.1/10

TITLE-TERMS: INTERFACE APPARATUS NETWORK MANAGEMENT SYSTEM METHOD

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